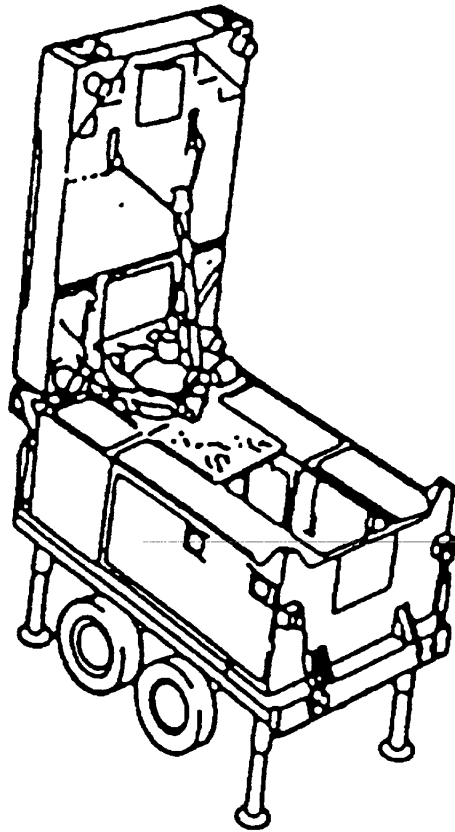


## AN/TPQ-37 FIREFINDER



| SYSTEM IDENTIFIERS |                      |
|--------------------|----------------------|
| NOMENCLATURE:      | Radar Set, Artillery |
| SSN:               | B88701               |
| LIN:               | A41666               |
| NSN:               | 5840-01-043-4258     |
| AMIM NO:           | I225                 |
| EIC:               | IYB                  |
| FUEL TYPE:         | -----                |

| SYSTEM DESCRIPTION   |
|--|
| <p>The AN/TPQ-37 FIREFINDER is an artillery-locating radar. This system was the first of its type, in large scale production, to use phased-array techniques for scanning in both azimuth and elevation by using miniaturized diode phase shifters distributed throughout the antenna. The AN/TPQ-37 locates enemy artillery positions at their normal firing ranges and relays the data through voice or digital links to the Fire Direction Center, which initiates counter-battery fire. Operationally, two AN/TPQ-37s are deployed per division sector, further from the front lines to locate opposing long-range artillery fire.</p> |

The list below identifies components associated with the weapon/materiel system.

## AN/TPQ-37 FIREFINDER

| LIN    | NSN              | NOMENCLATURE                        |
|--------|------------------|-------------------------------------|
| A22496 | 1290-01-067-0687 | AIMING CIRCLE                       |
| A22496 | 1290-00-614-0008 | AIMING CIRCLE                       |
| A72260 | 5985-00-497-8554 | ANTENNA: RC-292                     |
| A79381 | 5985-01-063-1574 | ANTENNA GROUP: OE-254()/GRC         |
| B38070 | 5820-00-893-1323 | BASE SHOCK MOUNT ELECTRICAL: MT-102 |
| G34815 | 2320-00-221-4939 | DOLLY LIFT, M832                    |
| J37342 | 6115-00-475-6573 | GEN ST SS MDL 52300                 |
| J37342 | 6115-00-624-0385 | GEN ST CONSOL DSL4060               |
| J37342 | 6115-00-620-4075 | GEN ST S AND S 28100                |
| J37342 | 6115-00-557-8744 | GEN ST S AND S 26200                |
| J38506 | 6115-00-937-4389 | GEN ST                              |
| J38506 | 6115-00-118-1253 | GEN ST, MEP 115A, 60KW              |
| K22513 | 5965-00-892-1010 | HEADSET ELECTRICAL: H-140/U         |
| K23677 | 5965-00-682-2769 | HEADSET-MICROPHONE: H-144/U         |
| K23814 | 5965-00-069-8885 | HEADSET-MICROPHONE: H-182/PT        |
| K87328 | 5820-00-401-9669 | INSTL KIT: MK-1443/VRC-46 F/VRC-46  |
| K87456 | 5820-01-022-3328 | INSTL KT: MK-1817/GRC F/AN/VRC-46/5 |
| L65501 | 6675-00-612-1187 | LIGHT TARGET SURVEYING: RANGING     |
| M80242 | 6625-00-999-7465 | MULIMETER, AN/USM-223               |
| P40754 | 6130-00-823-5359 | POWER SUPPLY: PP-6547/U             |
| Q53001 | 5820-00-223-7433 | RADIO SET: AN/VRC-46                |
| R33939 | 5820-00-892-0622 | RECEIVER-TRANSMITTER RADIO: RT-542  |
| T47091 | 5180-01-064-1374 | TOOL KIT ORG FIREFINDER             |
| T81903 | 4931-01-056-8677 | TEST SET LASER RANGEFINDER          |
| W37251 | 5180-00-605-0079 | TOOL KIT ELECTRONIC EQUIPMENT: TK-1 |
| W38895 | 5180-00-672-2611 | TOOL KIT, GENERAL MECHANICS         |

## SYSTEM VARIANTS

| MDS       | LIN    | NSN              |
|-----------|--------|------------------|
| AN/TPQ-37 | A41666 | 5840-01-270-5101 |
| AN/TPQ-37 | A41666 | 5840-01-270-5100 |

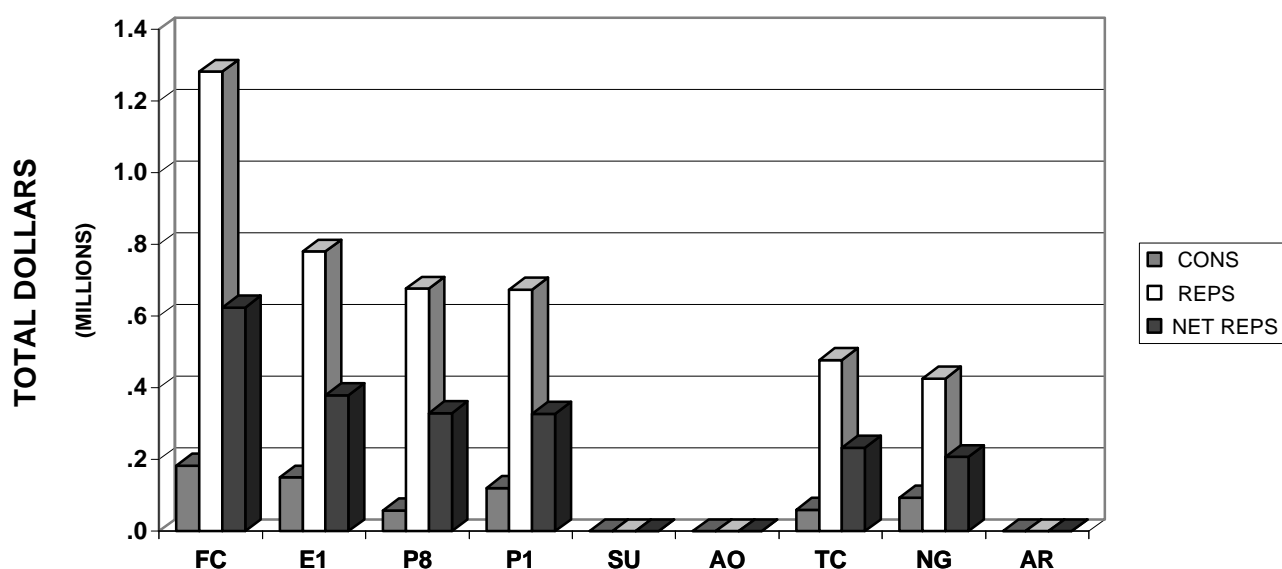
This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

**AN/TPQ-37 FIREFINDER  
FY 95 TOTAL ARMY COST SUMMARY  
(FY 95 Constant Dollars)**

| <div>DENSITY</div> <div>NUMBER OF SYSTEMS55</div>  |                  | <div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>OMA TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div> <div>PROC (MODIFICATIONS)\$0</div>   |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
|--|------------------|--|--|--|------------------|------------------------|--------------------|-----------|-------------|-----------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------|-------|
| <div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>  |                  | <div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>DBOF TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/SECONDARY ITEM\$0.00</div>   |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| <div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>   |                  | <div>INTERMEDIATE MAINTENANCE</div> <table><thead><tr><th></th><th>DS/GS</th><th>CIVILIAN</th></tr></thead><tbody><tr><td>MIL/CIV LABOR COST</td><td>\$29,868</td><td>\$31,456</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$543.05</td><td>\$1,123.43</td></tr><tr><td>MAINTENANCE MANHOURS</td><td>1,759</td><td>1,115</td></tr><tr><td>MMHs/SYSTEM</td><td>31.98</td><td>39.82</td></tr></tbody></table> |  |  | DS/GS            | CIVILIAN               | MIL/CIV LABOR COST | \$29,868  | \$31,456    | AVG COST/SYSTEM | \$543.05    | \$1,123.43  | MAINTENANCE MANHOURS | 1,759       | 1,115       | MMHs/SYSTEM | 31.98 | 39.82 |
|  | DS/GS            | CIVILIAN   |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| MIL/CIV LABOR COST   | \$29,868         | \$31,456   |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| AVG COST/SYSTEM  | \$543.05         | \$1,123.43   |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| MAINTENANCE MANHOURS   | 1,759            | 1,115  |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| MMHs/SYSTEM  | 31.98            | 39.82  |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| <div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><thead><tr><th></th><th>FY 95<br/>DOLLARS</th><th>AVG COST<br/>PER SYSTEM</th></tr></thead><tbody><tr><td>CONSUMABLES</td><td>\$665,704</td><td>\$12,103.71</td></tr><tr><td>NET REPARABLES</td><td>\$2,102,675</td><td>\$38,230.45</td></tr><tr><td>NET TOTAL COSTS</td><td>\$2,768,379</td><td>\$50,334.16</td></tr></tbody></table> |                  |  |  |  | FY 95<br>DOLLARS | AVG COST<br>PER SYSTEM | CONSUMABLES        | \$665,704 | \$12,103.71 | NET REPARABLES  | \$2,102,675 | \$38,230.45 | NET TOTAL COSTS      | \$2,768,379 | \$50,334.16 |             |       |       |
|  | FY 95<br>DOLLARS | AVG COST<br>PER SYSTEM   |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| CONSUMABLES  | \$665,704        | \$12,103.71  |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| NET REPARABLES   | \$2,102,675      | \$38,230.45  |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |
| NET TOTAL COSTS  | \$2,768,379      | \$50,334.16  |  |  |                  |                        |                    |           |             |                 |             |             |                      |             |             |             |       |       |

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

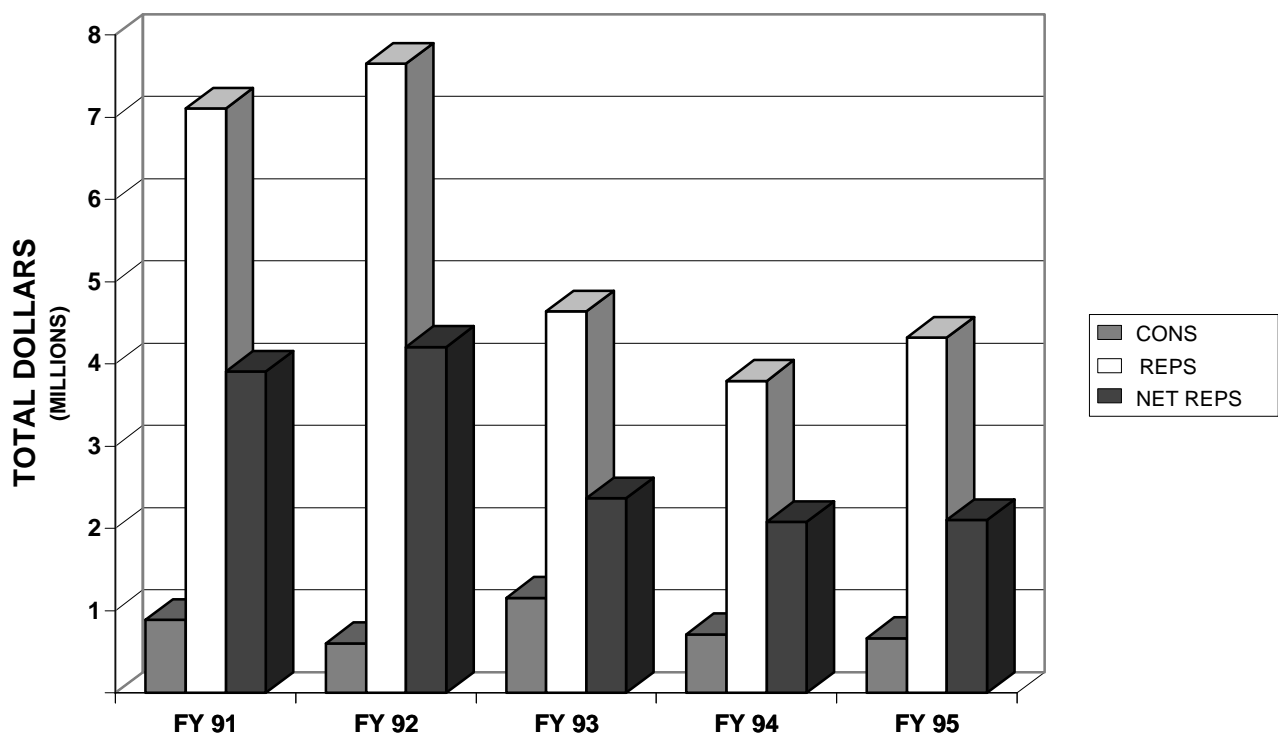
## AN/TPQ-37 FIREFINDER



| AN/TPQ-37 FIREFINDER<br>FY 95 MACOM CLASS IX COSTS |            |         |           |           |                 |                   |                 |
|--|------------|---------|-----------|-----------|-----------------|-------------------|-----------------|
| CODE   | MACOM NAME | CONS    | REPS      | NET REPS  | NET TOTAL COSTS | NUMBER OF SYSTEMS | AVG PER SYSTEMS |
| FC   | FORSCOM    | 183,074 | 1,281,627 | 624,155   | 807,229         | 17                | 47,484          |
| E1   | USAREUR    | 150,137 | 780,595   | 380,149   | 530,286         | 7                 | 75,755          |
| P8   | EUSA       | 58,109  | 676,864   | 329,634   | 387,743         | 2                 | 193,872         |
| P1   | USARPAC    | 120,817 | 674,301   | 328,384   | 449,201         | 2                 | 224,601         |
| SU   | USARSO     | 0       | 0         | 0         | 0               | 0                 | 0               |
| AO   | USASOC     | 0       | 0         | 0         | 0               | 0                 | 0               |
| TC   | TRADOC     | 59,778  | 478,212   | 232,892   | 292,670         | 11                | 26,606          |
| NG   | ARNG       | 93,789  | 426,045   | 207,461   | 301,250         | 16                | 18,828          |
| AR   | USAR       | 0       | 0         | 0         | 0               | 0                 | 0               |
| TA   | TOTAL ARMY | 665,704 | 4,317,644 | 2,102,675 | 2,768,379       | 55                | 50,334          |

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

### AN/TPQ-37 FIREFINDER



| AN/TPQ-37 FIREFINDER<br>FIVE YEAR TOTAL ARMY CLASS IX COSTS |           |           |           |                 |                   |                 |
|---|-----------|-----------|-----------|-----------------|-------------------|-----------------|
| FISCAL YEAR   | CONS      | REPS      | NET REPS  | NET TOTAL COSTS | NUMBER OF SYSTEMS | AVG PER SYSTEMS |
| FY 91   | 887,870   | 7,104,468 | 3,907,454 | 4,795,324       | 52                | 92,218          |
| FY 92   | 601,876   | 7,648,551 | 4,206,703 | 4,808,579       | 51                | 94,286          |
| FY 93   | 1,155,388 | 4,640,652 | 2,366,735 | 3,522,123       | 60                | 58,702          |
| FY 94   | 710,716   | 3,793,655 | 2,078,879 | 2,789,595       | 59                | 47,281          |
| FY 95   | 665,704   | 4,317,644 | 2,102,675 | 2,768,379       | 55                | 50,334          |

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparable (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

| AN/TPQ-37 FIREFINDER                            |                    |         |           |           |                 |                |                |
|---|--------------------|---------|-----------|-----------|-----------------|----------------|----------------|
| FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS |                    |         |           |           |                 |                |                |
| WBS   | NAME               | CONS    | REPS      | NET REPS  | NET TOTAL COSTS | NUM OF SYSTEMS | AVG PER SYSTEM |
| 01  | FRONT END (SENSOR) | 467,354 | 3,383,089 | 1,647,569 | 2,114,923       | 55             | 38,453         |
| 02  | PROCESSING (ADPE)  | 4,392   | 0         | 0         | 4,392           | 55             | 80             |
| 03  | COMMUNICATIONS     | 75,895  | 2,147     | 1,046     | 76,941          | 55             | 1,399          |
| 04  | PERIPHERALS        | 1       | 526,404   | 256,358   | 256,359         | 55             | 4,661          |
| 05  | ENVIRON SUPPORT    | 53,099  | 253,595   | 123,504   | 176,603         | 55             | 3,211          |
| 06  | APPS SOFTWARE      | 0       | 0         | 0         | 0               | 0              | 0              |
| 07  | SYST SOFTWARE      | 0       | 0         | 0         | 0               | 0              | 0              |
| 08  | INTEG, ASSY, TEST  | 0       | 0         | 0         | 0               | 0              | 0              |
| 09  | OTHER              | 64,963  | 152,409   | 74,198    | 139,161         | 55             | 2,530          |
|   | TOTAL              | 665,704 | 4,317,644 | 2,102,675 | 2,768,379       | 55             | 50,334         |

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

| <b>AN/TPQ-37 FIREFINDER<br/>FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS</b> |                       |                                      |                                      |                                      |                                      |                                      |
|---|-----------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>WBS</b>  | <b>NAME</b>           | <b>FY 91<br/>NET TOTAL<br/>COSTS</b> | <b>FY 92<br/>NET TOTAL<br/>COSTS</b> | <b>FY 93<br/>NET TOTAL<br/>COSTS</b> | <b>FY 94<br/>NET TOTAL<br/>COSTS</b> | <b>FY 95<br/>NET TOTAL<br/>COSTS</b> |
| 01  | FRONT END (SENSOR)    | 3,589,785                            | 3,314,611                            | 2,275,625                            | 2,325,204                            | 2,114,923                            |
| 02  | PROCESSING (ADPE)     | 806                                  | 16,497                               | 896                                  | 13                                   | 4,392                                |
| 03  | COMMUNICATIONS        | 118,067                              | 47,785                               | 59,839                               | 55,056                               | 76,941                               |
| 04  | PERIPHERALS           | 241,826                              | 545,990                              | 205,608                              | 116,441                              | 256,359                              |
| 05  | ENVIRON SUPPORT       | 415,452                              | 321,959                              | 636,278                              | 161,664                              | 176,603                              |
| 06  | APPS SOFTWARE         | 0                                    | 0                                    | 0                                    | 0                                    | 0                                    |
| 07  | SYST SOFTWARE         | 0                                    | 0                                    | 0                                    | 0                                    | 0                                    |
| 08  | INTEG, ASSY, TEST     | 0                                    | 0                                    | 0                                    | 0                                    | 0                                    |
| 09  | OTHER                 | 429,388                              | 561,737                              | 343,877                              | 131,217                              | 139,161                              |
|   | <b>TOTAL</b>          | <b>4,795,324</b>                     | <b>4,808,579</b>                     | <b>3,522,123</b>                     | <b>2,789,595</b>                     | <b>2,768,379</b>                     |
|   | <b>NUM OF SYSTEMS</b> | <b>52</b>                            | <b>51</b>                            | <b>60</b>                            | <b>59</b>                            | <b>55</b>                            |
|   | <b>AVG PER SYSTEM</b> | <b>92,218</b>                        | <b>94,286</b>                        | <b>58,702</b>                        | <b>47,281</b>                        | <b>50,334</b>                        |

**AN/TPQ-37 FIREFINDER  
TOP 40 COST DRIVERS  
CLASS IX CONSUMABLES (NON-DLRs)**

**AN/TPQ-37 FIREFINDER  
CONSUMABLES (NON-DLRs)**

|                   |                     |     |     |     |        |                          |              |                                     |               |                    | FY 91-95          |               |  |
|-------------------|---------------------|-----|-----|-----|--------|--------------------------|--------------|-------------------------------------|---------------|--------------------|-------------------|---------------|--|
| NSN               | NOMENCLATURE        | WBS | MRC | ARI | MATCAT | FY 95 AMDF<br>UNIT PRICE | FY 95<br>QTY | EXTENDED COST<br>(QTY * UNIT PRICE) | AVERAGE COST  | AVERAGE QUANTITY   | FIVE YEAR AVERAGE |               |  |
|                   |                     |     |     |     |        |                          |              |                                     | PER<br>SYSTEM | PER<br>100 SYSTEMS | QTY               | EXTENDED COST |  |
| 1. 5998010728195  | CIRCUIT CARD ASS    | 01A | H   | D   | G21SK  | 1,758.00                 | 18.50        | 32,523                              | 591.33        | 33.6364            | 3.70              | 6,505         |  |
| 2. 5960011178671  | ELECTRON TUBE       | 01A | Z   |     | Q22SK  | 2,964.22                 | 10.12        | 29,998                              | 545.42        | 18.4000            | 8.67              | 25,688        |  |
| 3. 5998010728211  | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 1,852.00                 | 13.40        | 24,817                              | 451.22        | 24.3636            | 3.66              | 6,771         |  |
| 4. 5985010724461  | ANTENNA ASSEMBLY    | 03C | F   |     | G21RA  | 404.00                   | 58.42        | 23,602                              | 429.13        | 106.2182           | 17.09             | 6,904         |  |
| 5. 5999012248131  | CIRCUIT CARD ASS    | 01A | H   | D   | G21SK  | 1,631.00                 | 14.47        | 23,601                              | 429.11        | 26.3091            | 4.30              | 7,007         |  |
| 6. 5840011017071  | CARTRIDGE           | 01A | Z   |     | Q2200  | 371.40                   | 59.00        | 21,913                              | 398.42        | 107.2727           | 42.96             | 15,957        |  |
| 7. 5840011017070  | CARTRIDGE           | 01A | Z   |     | Q2200  | 368.62                   | 56.00        | 20,643                              | 375.33        | 101.8182           | 37.98             | 14,002        |  |
| 8. 5985010746684  | FEEDCONE ASSEMBL    | 03E | F   |     | G21RA  | 63.29                    | 287.03       | 18,166                              | 330.29        | 521.8727           | 202.91            | 12,842        |  |
| 9. 4320010820608  | PUMP,MOTOR          | 09  | Z   |     | J2200  | 5,460.71                 | 3.00         | 16,382                              | 297.85        | 5.4545             | 1.40              | 7,645         |  |
| 10. 5999011926505 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 2,595.00                 | 5.99         | 15,544                              | 282.62        | 10.8909            | 2.52              | 6,550         |  |
| 11. 5945010710291 | RELAY,ELECTROMAG    | 01A | Z   |     | Q22SK  | 1,170.92                 | 12.44        | 14,566                              | 264.84        | 22.6182            | 10.15             | 11,882        |  |
| 12. 5998010724571 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 1,359.00                 | 10.70        | 14,541                              | 264.38        | 19.4545            | 2.90              | 3,944         |  |
| 13. 5998010724303 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 2,052.00                 | 6.50         | 13,338                              | 242.51        | 11.8182            | 2.46              | 5,048         |  |
| 14. 5998011092109 | CIRCUIT CARD ASSEMB | 01A | H   |     | G21SK  | 1,870.00                 | 6.87         | 12,847                              | 233.58        | 12.4909            | 1.73              | 3,243         |  |
| 15. 5961010860448 | SEMICONDUCTOR DE    | 01E | Z   |     | Q2200  | 103.63                   | 118.58       | 12,288                              | 223.42        | 215.6000           | 113.50            | 11,762        |  |
| 16. 5998010724623 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 3,002.00                 | 3.86         | 11,588                              | 210.69        | 7.0182             | 1.32              | 3,975         |  |
| 17. 6645010700328 | TIMER,SEQUENTIAL    | 09  | Z   |     | E2200  | 1,270.29                 | 9.00         | 11,433                              | 207.87        | 16.3636            | 7.41              | 9,418         |  |
| 18. 5985010945865 | SWITCH,WAVEGUIDE    | 01B | F   |     | Q2100  | 2,770.87                 | 4.00         | 11,083                              | 201.51        | 7.2727             | 3.20              | 8,867         |  |
| 19. 1080001078563 | KIT,REPAIR,RADAR    | 09  | O   |     | B21UT  | 17.33                    | 634.00       | 10,987                              | 199.76        | 1,152.7273         | 1,889.29          | 32,741        |  |
| 20. 5999012389736 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 1,988.00                 | 4.62         | 9,185                               | 167.00        | 8.4000             | 3.12              | 6,199         |  |
| 21. 5998010735676 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 743.00                   | 11.84        | 8,797                               | 159.95        | 21.5273            | 2.52              | 1,874         |  |
| 22. 2610005546250 | TIRE PNEU           | 05C | F   |     | K21PP  | 500.00                   | 16.57        | 8,285                               | 150.64        | 30.1273            | 81.43             | 40,716        |  |
| 23. 4130013250044 | FILTER ELEMENT,A    | 05B | Z   |     | J2200  | 374.35                   | 22.00        | 8,236                               | 149.75        | 40.0000            | 17.01             | 6,369         |  |
| 24. 5999011926490 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 1,926.00                 | 4.18         | 8,051                               | 146.38        | 7.6000             | 1.09              | 2,092         |  |
| 25. 5930011410247 | SWITCH,FLOW         | 01E | Z   |     | Q2200  | 522.24                   | 15.00        | 7,834                               | 142.44        | 27.2727            | 4.60              | 2,402         |  |
| 26. 5995010851665 | CABLE ASSEMBLY,R    | 03E | Z   |     | G22R4  | 33.26                    | 222.21       | 7,391                               | 134.38        | 404.0182           | 155.90            | 5,185         |  |
| 27. 4140010710698 | FAN,CIRCULATING     | 05B | Z   |     | E2200  | 1,351.83                 | 4.94         | 6,678                               | 121.42        | 8.9818             | 2.20              | 2,969         |  |
| 28. 5995008232838 | CA ASSY SP CX472    | 03E | Z   |     | Q22RU  | 81.59                    | 71.55        | 5,838                               | 106.15        | 130.0909           | 43.27             | 3,530         |  |
| 29. 5998010724600 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 858.00                   | 6.11         | 5,242                               | 95.31         | 11.1091            | 2.48              | 2,130         |  |
| 30. 5999010673196 | CELL,CONDUCTIVIT    | 01E | Z   |     | Q2200  | 718.47                   | 7.00         | 5,029                               | 91.44         | 12.7273            | 5.60              | 4,023         |  |
| 31. 5998010785935 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 2,448.00                 | 2.00         | 4,896                               | 89.02         | 3.6364             | 0.56              | 1,371         |  |
| 32. 5998010724666 | CIRCUIT CARD ASS    | 01A | H   | D   | G21SK  | 2,421.00                 | 2.00         | 4,842                               | 88.04         | 3.6364             | 0.40              | 968           |  |
| 33. 5998010728222 | CIRCUIT CARD ASS    | 01A | H   | D   | G21SK  | 1,423.00                 | 3.24         | 4,611                               | 83.84         | 5.8909             | 0.65              | 922           |  |
| 34. 5998010728201 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 2,197.00                 | 2.00         | 4,394                               | 79.89         | 3.6364             | 0.80              | 1,758         |  |
| 35. 5985002403720 | MAST SECTION        | 01B | Z   |     | Q2200  | 7.18                     | 556.36       | 3,995                               | 72.64         | 1,011.5636         | 826.40            | 5,934         |  |
| 36. 5999011786994 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 3,917.00                 | 1.00         | 3,917                               | 71.22         | 1.8182             | 2.54              | 9,941         |  |
| 37. 5998010728188 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 381.00                   | 10.00        | 3,810                               | 69.27         | 18.1818            | 2.09              | 796           |  |
| 38. 6115004078322 | LOAD BANK KIT       | 05A | F   |     | J2200  | 3,372.00                 | 1.09         | 3,675                               | 66.82         | 1.9818             | 0.95              | 3,203         |  |
| 39. 5998010720594 | CIRCUIT CARD ASS    | 01A | H   |     | G21SK  | 1,223.00                 | 2.98         | 3,645                               | 66.27         | 5.4182             | 0.87              | 1,069         |  |
| 40. 5930011410246 | SWITCH,FLOW         | 01E | Z   |     | Q2200  | 483.79                   | 7.40         | 3,580                               | 65.09         | 13.4545            | 4.05              | 1,957         |  |

NUMBER OF SYSTEMS 55  
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

|         |       |        |
|---------|-------|--------|
| 461,791 | 69.4% | TOP 40 |
| 203,913 | 30.6% | OTHERS |
| =====   |       |        |
| 665,704 |       | TOTAL  |



AN/TPQ-37 FIREFINDER  
TOP 40 COST DRIVERS  
CLASS IX REPARABLES (DLRs)

AN/TPQ-37 FIREFINDER  
REPARABLES (DLRs)

|                   |                  |     |     |     |        |                      |           |               |                             | AVERAGE COST |                  | FY 91-95 |                          |  |  |
|-------------------|------------------|-----|-----|-----|--------|----------------------|-----------|---------------|-----------------------------|--------------|------------------|----------|--------------------------|--|--|
|                   |                  |     |     |     |        | FY 95AMDF UNIT PRICE |           | EXTENDED COST |                             | W/CREDIT     | AVERAGE QUANTITY |          | FIVE YEAR AVERAGE        |  |  |
| NSN               | NOMENCLATURE     | WBS | MRC | ARI | MATCAT | W/O CREDIT           | W/CREDIT  | FY 95 QTY     | W/CREDIT (QTY * UNIT PRICE) | PER SYSTEM   | PER 100 SYSTEMS  | QTY      | EXTENDED COST (W/CREDIT) |  |  |
| 1. 5840010735483  | PRINTER,LINE     | 04B | D   | D   | G21SK  | 30,100.00            | 14,658.70 | 17.02         | 249,491                     | 4,536.20     | 30.9455          | 12.83    | 188,071                  |  |  |
| 2. 5895010886678  | CONVERTER,FREQUE | 01A | D   |     | G21SK  | 37,873.00            | 18,444.15 | 9.49          | 175,035                     | 3,182.45     | 17.2545          | 7.27     | 134,015                  |  |  |
| 3. 5998010724649  | CIRCUIT CARD ASS | 01A | L   | E   | G21SK  | 3,893.00             | 1,895.89  | 35.26         | 66,849                      | 1,215.44     | 64.1091          | 20.67    | 39,188                   |  |  |
| 4. 5895013394845  | CONVERTER,FREQUE | 01A | D   |     | G21SK  | 21,955.00            | 10,692.09 | 6.00          | 64,153                      | 1,166.42     | 10.9091          | 2.20     | 23,523                   |  |  |
| 5. 5840012389511  | OSCILLATOR ASSEM | 01A | D   |     | G21SK  | 26,569.00            | 12,939.10 | 4.80          | 62,108                      | 1,129.24     | 8.7273           | 2.64     | 34,185                   |  |  |
| 6. 5840010720500  | AMPLIFIER,RADIO  | 01A | D   | D   | G21SK  | 48,477.00            | 23,608.30 | 2.60          | 61,382                      | 1,116.04     | 4.7273           | 2.25     | 53,024                   |  |  |
| 7. 5840011119170  | RECTIFIER AND FI | 01A | D   | E   | G21SK  | 45,038.00            | 21,933.51 | 2.57          | 56,369                      | 1,024.89     | 4.6727           | 4.49     | 98,438                   |  |  |
| 8. 5999011812465  | CIRCUIT CARD ASS | 01A | H   | E   | G21SK  | 3,444.00             | 1,677.23  | 32.51         | 54,527                      | 991.40       | 59.1091          | 13.40    | 22,468                   |  |  |
| 9. 5840010886654  | MULTR FREQUENCY  | 01A | D   |     | G21SK  | 40,351.00            | 19,650.94 | 2.70          | 53,058                      | 964.69       | 4.9091           | 3.87     | 76,010                   |  |  |
| 10. 5950011408992 | TRANSFORMER RECT | 01A | D   | E   | G21SK  | 24,473.00            | 11,918.35 | 4.13          | 49,223                      | 894.96       | 7.5091           | 7.16     | 85,288                   |  |  |
| 11. 5960013495380 | ELECTRON TUBE    | 01A | D   | E   | G21SK  | 35,461.00            | 17,269.51 | 2.85          | 49,218                      | 894.87       | 5.1818           | 2.02     | 34,953                   |  |  |
| 12. 5915010728068 | FILTER,BAND PASS | 01A | D   |     | G21SK  | 30,579.00            | 14,891.97 | 3.10          | 46,165                      | 839.36       | 5.6364           | 3.30     | 49,144                   |  |  |
| 13. 6625012135202 | GENERATOR,SIGNAL | 09  | D   |     | G21SK  | 25,248.00            | 12,295.78 | 3.41          | 41,929                      | 762.35       | 6.2000           | 2.45     | 30,125                   |  |  |
| 14. 5960010769930 | ELECTRON TUBE    | 01A | D   | C   | G21SK  | 70,820.00            | 34,489.34 | 1.04          | 35,869                      | 652.16       | 1.8909           | 2.06     | 71,186                   |  |  |
| 15. 5915010728069 | FILTER,BAND PASS | 01A | D   |     | G21SK  | 31,736.00            | 15,455.43 | 2.24          | 34,620                      | 629.45       | 4.0727           | 2.09     | 32,302                   |  |  |
| 16. 5840010886656 | OSCILLATOR ASSEM | 01A | D   |     | G21SK  | 29,633.00            | 14,431.27 | 2.37          | 34,202                      | 621.85       | 4.3091           | 2.00     | 28,863                   |  |  |
| 17. 5998010728198 | CIRCUIT CARD ASS | 01A | L   |     | G21SK  | 3,820.00             | 1,860.34  | 16.85         | 31,347                      | 569.95       | 30.6364          | 7.90     | 14,704                   |  |  |
| 18. 5895011926474 | CONVERTER,FREQUE | 01A | D   |     | G21SK  | 21,325.00            | 10,385.28 | 2.94          | 30,533                      | 555.15       | 5.3455           | 4.74     | 49,226                   |  |  |
| 19. 5975010724464 | INTERCONNECTING  | 01A | D   |     | G21SK  | 13,624.00            | 6,634.89  | 4.56          | 30,255                      | 550.09       | 8.2909           | 4.49     | 29,777                   |  |  |
| 20. 6110010917827 | REGULATOR,FREQUE | 05A | D   |     | G21SK  | 41,363.00            | 20,143.78 | 1.41          | 28,403                      | 516.42       | 2.5636           | 1.28     | 25,703                   |  |  |
| 21. 5955011801414 | OSCILLATOR,RADIO | 01A | D   |     | G21SK  | 40,299.00            | 19,625.61 | 1.43          | 28,065                      | 510.27       | 2.6000           | 1.26     | 24,689                   |  |  |
| 22. 5915010728067 | FILTER,BAND PASS | 01A | D   |     | G21SK  | 29,703.00            | 14,465.36 | 1.88          | 27,195                      | 494.45       | 3.4182           | 2.76     | 39,895                   |  |  |
| 23. 5960010893554 | ELECTRON TUBE    | 01A | D   | E   | G21SK  | 35,461.00            | 17,269.51 | 1.48          | 25,559                      | 464.71       | 2.6909           | 2.09     | 36,059                   |  |  |
| 24. 5836013677646 | TRANSPORT,MAGNET | 01E | D   | D   | G24SK  | 6,708.00             | 3,266.80  | 7.60          | 24,828                      | 451.42       | 13.8182          | 1.52     | 4,966                    |  |  |
| 25. 5840010720420 | PROTECTOR,RECEIV | 01D | D   |     | G21SK  | 30,103.00            | 14,660.16 | 1.67          | 24,482                      | 445.13       | 3.0364           | 0.93     | 13,634                   |  |  |
| 26. 5998011912439 | CIRCUIT CARD ASS | 01A | D   |     | G21SK  | 6,627.00             | 3,227.35  | 7.14          | 23,043                      | 418.96       | 12.9818          | 5.22     | 16,860                   |  |  |
| 27. 5840010764108 | SERVO ENCODER AS | 01A | D   | D   | G21SK  | 9,798.00             | 4,771.63  | 4.70          | 22,427                      | 407.76       | 8.5455           | 5.70     | 27,198                   |  |  |
| 28. 5840011917387 | CIRCUIT CARD ASS | 01A | D   |     | G21SK  | 10,049.00            | 4,893.86  | 4.42          | 21,631                      | 393.29       | 8.0364           | 5.67     | 27,748                   |  |  |
| 29. 5998012199586 | CIRCUIT CARD ASS | 01A | H   | E   | G21SK  | 3,688.00             | 1,796.06  | 11.80         | 21,194                      | 385.35       | 21.4545          | 4.00     | 7,191                    |  |  |
| 30. 5960012703938 | ELECTRON TUBE    | 01A | L   | C   | G21SK  | 70,820.00            | 34,489.34 | 0.61          | 21,038                      | 382.51       | 1.1091           | 3.36     | 116,022                  |  |  |
| 31. 5840013060753 | TILT SENSOR      | 01A | D   |     | G21SK  | 30,136.00            | 14,676.23 | 1.43          | 20,987                      | 381.58       | 2.6000           | 2.51     | 36,867                   |  |  |
| 32. 6110010724333 | CONTACTOR,STEP S | 05A | D   |     | G24SK  | 2,525.00             | 1,229.68  | 16.96         | 20,855                      | 379.18       | 30.8364          | 7.67     | 9,434                    |  |  |
| 33. 5995010828114 | CABLE ASSEMBLY,S | 01A | D   |     | G21SS  | 4,225.00             | 2,057.58  | 10.09         | 20,761                      | 377.47       | 18.3455          | 9.01     | 18,535                   |  |  |
| 34. 5998010724575 | CIRCUIT CARD ASS | 01A | D   | D   | G21SK  | 3,383.00             | 1,647.52  | 12.37         | 20,380                      | 370.55       | 22.4909          | 5.58     | 9,196                    |  |  |
| 35. 6625010825633 | INDICATOR,PANORA | 09  | D   | D   | G21SK  | 8,658.00             | 4,216.45  | 4.70          | 19,817                      | 360.31       | 8.5455           | 7.00     | 29,532                   |  |  |
| 36. 5955011801413 | OSCILLATOR,RADIO | 01A | D   |     | G21SK  | 27,175.00            | 13,234.23 | 1.48          | 19,587                      | 356.13       | 2.6909           | 1.37     | 18,157                   |  |  |
| 37. 5999011926479 | DELAY LINE       | 01A | D   |     | G21SK  | 25,636.00            | 12,484.73 | 1.47          | 18,353                      | 333.69       | 2.6727           | 3.50     | 43,697                   |  |  |
| 38. 5998010728223 | CIRCUIT CARD ASS | 01A | H   | R   | G21SK  | 2,080.00             | 1,012.96  | 16.06         | 16,268                      | 295.78       | 29.2000          | 5.06     | 5,128                    |  |  |
| 39. 5840010720422 | MICROWAVE CIRCUI | 01A | D   | C   | G21SK  | 16,096.00            | 7,838.75  | 1.99          | 15,599                      | 283.62       | 3.6182           | 5.46     | 42,831                   |  |  |
| 40. 5998010724599 | CIRCUIT CARD ASS | 01A | D   | C   | G21SK  | 7,064.00             | 3,440.17  | 4.42          | 15,206                      | 276.47       | 8.0364           | 2.14     | 7,362                    |  |  |

NUMBER OF SYSTEMS 55  
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

1,682,011  
420,664  
=====  
2,102,675  
80.0% TOP 40  
20.0% OTHERS  
TOTAL

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

| AN/TPQ-37 FIREFINDER<br>FY 95 DEPOT MAINTENANCE COSTS |                      |          |       |              |                            |          |       |
|---|----------------------|----------|-------|--------------|----------------------------|----------|-------|
| COST ELEMENTS   | END ITEM MAINTENANCE |          |       |              | SECONDARY ITEM MAINTENANCE |          |       |
|   | REPAIR               | OVERHAUL | OTHER | MODIFICATION | REPAIR                     | OVERHAUL | OTHER |
| CIVILIAN LABOR  | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| MILITARY LABOR  | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| MATERIEL  | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| OVERHEAD  | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| CONTRACT  | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| OTHER   | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| TOTAL   | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| QTY COMPLETED   | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| AVG COST  | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.98). CIVILIAN LABOR COSTS are a summation from the source data.

| AN/TPQ-37 FIREFINDER<br>FY 95 INTERMEDIATE MAINTENANCE COSTS |                   |                   |                       |                       |                          |
|--|-------------------|-------------------|-----------------------|-----------------------|--------------------------|
| MACOM  | DS/GS LABOR HOURS | DS/GS LABOR COSTS | CIVILIAN LABOR HOURS* | CIVILIAN LABOR COSTS* | CIVILIAN LABOR COST/HOUR |
| FORSCOM  | 229               | 3,888             | 98                    | 2,107                 | 21.50                    |
| USAREUR  | 257               | 4,364             |                       |                       |                          |
| EUSA   | 0                 | 0                 |                       |                       |                          |
| USARPAC  | 17                | 289               |                       |                       |                          |
| USARSO   | 0                 | 0                 |                       |                       |                          |
| USASOC   | 0                 | 0                 |                       |                       |                          |
| TRADOC   | 1                 | 17                | 1,017                 | 29,349                | 28.86                    |
| ARNG   | 1,255             | 21,310            |                       |                       |                          |
| USAR   | 0                 | 0                 |                       |                       |                          |
| TOTAL ARMY   | 1,759             | 29,868            | 1,115                 | 31,456                | 28.21                    |

\*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

| <b>AN/TPQ-37 FIREFINDER<br/>FIVE YEAR DEPOT MAINTENANCE COSTS</b> |                      |       |           |           |       |                            |        |         |       |       |
|---|----------------------|-------|-----------|-----------|-------|----------------------------|--------|---------|-------|-------|
| COST ELEMENTS   | END ITEM MAINTENANCE |       |           |           |       | SECONDARY ITEM MAINTENANCE |        |         |       |       |
|   | FY 91                | FY 92 | FY 93     | FY 94     | FY 95 | FY 91                      | FY 92  | FY 93   | FY 94 | FY 95 |
| CIVILIAN LABOR  | 46,873               | 0     | 2,710,221 | 348,904   | 0     | 46,651                     | 16,461 | 19,771  | 0     | 0     |
| MILITARY LABOR  | 0                    | 0     | 0         | 0         | 0     | 0                          | 0      | 0       | 0     | 0     |
| MATERIEL  | 211,093              | 0     | 3,148,546 | 98,156    | 0     | 30,140                     | 14,184 | 25,015  | 0     | 0     |
| OVERHEAD  | 0                    | 0     | 4,008,142 | 1,861,112 | 0     | 93,191                     | 35,652 | 101,915 | 0     | 0     |
| CONTRACT  | 0                    | 0     | 0         | 0         | 0     | 0                          | 0      | 0       | 0     | 0     |
| OTHER   | 59,173               | 0     | 11,992    | 514       | 0     | 4,322                      | 3,308  | 0       | 0     | 0     |
| TOTAL   | 317,139              | 0     | 9,878,901 | 2,308,686 | 0     | 174,304                    | 69,605 | 146,702 | 0     | 0     |
| QTY COMPLETED   | 1                    | 0     | 7         | 4         | 0     | 83                         | 33     | 284     | 0     | 0     |
| AVG COST  | 317,139              | 0     | 1,411,272 | 577,172   | 0     | 2,100                      | 2,109  | 517     | 0     | 0     |

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

| <b>AN/TPQ-37 FIREFINDER<br/>FIVE YEAR INTERMEDIATE MAINTENANCE COSTS</b> |   |        |        |        |        |                            |        |        |       |        |
|--|---|--------|--------|--------|--------|----------------------------|--------|--------|-------|--------|
| MACOM  | DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS) |        |        |        |        | CIVILIAN MAINTENANCE (CIV) |        |        |       |        |
|  | FY 91   | FY 92  | FY 93  | FY 94  | FY 95  | FY 91                      | FY 92  | FY 93  | FY 94 | FY 95  |
| FORSCOM  | 2,139   | 7,264  | 10,128 | 14,005 | 3,888  | 2,548                      | 1,999  | 14,456 | 652   | 2,107  |
| USAREUR  | 3,019   | 1,729  | 6,251  | 4,026  | 4,364  |                            |        |        |       |        |
| EUSA   | 987   | 1,003  | 1,225  | 597    | 0      |                            |        |        |       |        |
| USARPAC  | 0   | 0      | 2,822  | 341    | 289    |                            |        |        |       |        |
| USARSO   | 0   | 0      | 0      | 0      | 0      |                            |        |        |       |        |
| USASOC   | 0   | 0      | 0      | 0      | 0      |                            |        |        |       |        |
| TRADOC   | 1   | 0      | 40     | 307    | 17     | 44,947                     | 36,362 | 25,826 | 0     | 29,349 |
| ARNG   | 28,937  | 20,235 | 26,001 | 24,666 | 21,310 |                            |        |        |       |        |
| USAR   | 0   | 0      | 0      | 0      | 0      |                            |        |        |       |        |
| TOTAL ARMY   | 35,083  | 30,231 | 46,467 | 43,942 | 29,868 | 47,495                     | 38,361 | 40,282 | 652   | 31,456 |
| LABOR HRS  | 2,014   | 1,748  | 2,632  | 2,576  | 1,759  | 2,312                      | 1,899  | 1,759  | 45    | 1,115  |
| COST PER HR  | 17.42   | 17.29  | 17.65  | 17.06  | 16.98  | 20.54                      | 20.20  | 22.90  | 14.49 | 28.21  |

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

| <b>AN/TPQ-37 FIREFINDER</b><br><b>FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS</b><br><b>COST DRIVERS</b> |                     |                                 |  |                                    |  |
|--|---------------------|---------------------------------|--|------------------------------------|--|
| <u>NSN</u>   | <u>NOMENCLATURE</u> | <u>FY 95<br/>AMDF<br/>PRICE</u> | <u>FY 95<br/>TOTAL COST<br/>TO REBUILD/<br/>OVERHAUL</u> | <u>FY 95<br/>QTY<br/>COMPLETED</u> | <u>AVG COST<br/>TO REBUILD/<br/>OVERHAUL</u> |
| NO DATA  |                     |                                 |  |                                    |  |

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

| <b>AN/TPQ-37 FIREFINDER</b><br><b>FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS</b><br><b>COST DRIVERS</b> |                     |                                 |   |                                    |                               |
|---|---------------------|---------------------------------|---|------------------------------------|-------------------------------|
| <u>NSN</u>  | <u>NOMENCLATURE</u> | <u>FY 95<br/>AMDF<br/>PRICE</u> | <u>FY 95<br/>TOTAL COST<br/>TO REPAIR</u> | <u>FY 95<br/>QTY<br/>COMPLETED</u> | <u>AVG COST<br/>TO REPAIR</u> |
| NO DATA   |                     |                                 |   |                                    |                               |

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

| <b>AN/TPQ-37 FIREFINDER<br/>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS<br/>COST DRIVERS</b> |                     |                        |   |                              |                                     |
|--|---------------------|------------------------|---|------------------------------|-------------------------------------|
| NSN  | NOMENCLATURE        | FY 95<br>AMDF<br>PRICE | FY 91-95<br>TOTAL COST<br>TO REBUILD/<br>OVERHAUL | FY 91-95<br>QTY<br>COMPLETED | AVG COST<br>TO REBUILD/<br>OVERHAUL |
| 5985-00-497-8554   | ANTENNA: RC-292     | 386                    | 138,487   | 357                          | 388                                 |
| 5840-01-073-5483   | PRINTER,LINE        | 30,100                 | 38,977  | 14                           | 2,784                               |
| 5840-01-084-5292   | TRANSFER BOX,POWER  | 9,720                  | 33,652  | 2                            | 16,826                              |
| 5840-01-111-9170   | RECTIFIER AND FILTE | 45,038                 | 9,502   | 0                            | 0                                   |
| 6130-01-072-1533   | POWER SUPPLY        | 953                    | 8,042   | 8                            | 1,005                               |
| 6130-01-176-3196   | POWER SUPPLY        | 1,281                  | 6,425   | 1                            | 6,425                               |
| 6130-01-072-1529   | POWER SUPPLY        | 670                    | 3,107   | 1                            | 3,107                               |
| 6130-01-072-1530   | POWER SUPPLY        | 687                    | 3,024   | 1                            | 3,024                               |
| 4320-01-156-0386   | PUMP,MOTOR ASSEMBL' | 10,761                 | 2,942   | 1                            | 2,942                               |
| 5840-01-072-4649   | CIRCUIT CARD ASSEMB | 3,893                  | 2,914   | 1                            | 2,914                               |

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

| <b>AN/TPQ-37 FIREFINDER<br/>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS<br/>COST DRIVERS</b> |                     |                        |                                     |                              |                       |
|---|---------------------|------------------------|-------------------------------------|------------------------------|-----------------------|
| NSN   | NOMENCLATURE        | FY 95<br>AMDF<br>PRICE | FY 91-95<br>TOTAL COST<br>TO REPAIR | FY 91-95<br>QTY<br>COMPLETED | AVG COST<br>TO REPAIR |
| 5840-01-088-6678  | CONVERTER,FREQUENC  | 37,873                 | 32,211                              | 0                            | 0                     |
| 5840-01-073-5483  | PRINTER,LINE        | 30,100                 | 30,532                              | 0                            | 0                     |
| 5840-01-088-6654  | MULTR FREQUENCY ASS | 40,351                 | 11,405                              | 0                            | 0                     |
| 5950-01-140-8992  | TRANSFORMER RECTIFI | 24,473                 | 10,452                              | 0                            | 0                     |
| 2910-00-228-2799  | PUMP,FUEL METERING  | 648                    | 4,357                               | 8                            | 545                   |
| 5840-01-072-4649  | CIRCUIT CARD ASSEMB | 3,893                  | 3,333                               | 0                            | 0                     |
| 5999-01-224-8133  | CIRCUIT CARD ASSEMB | 16,373                 | 3,102                               | 0                            | 0                     |
| 6130-01-072-1533  | POWER SUPPLY        | 953                    | 3,036                               | 0                            | 0                     |
| 5840-01-111-9170  | RECTIFIER AND FILTE | 45,038                 | 2,760                               | 0                            | 0                     |
| 5840-01-192-6474  | CONVERTER,FREQUENC  | 21,325                 | 2,081                               | 0                            | 0                     |



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